

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

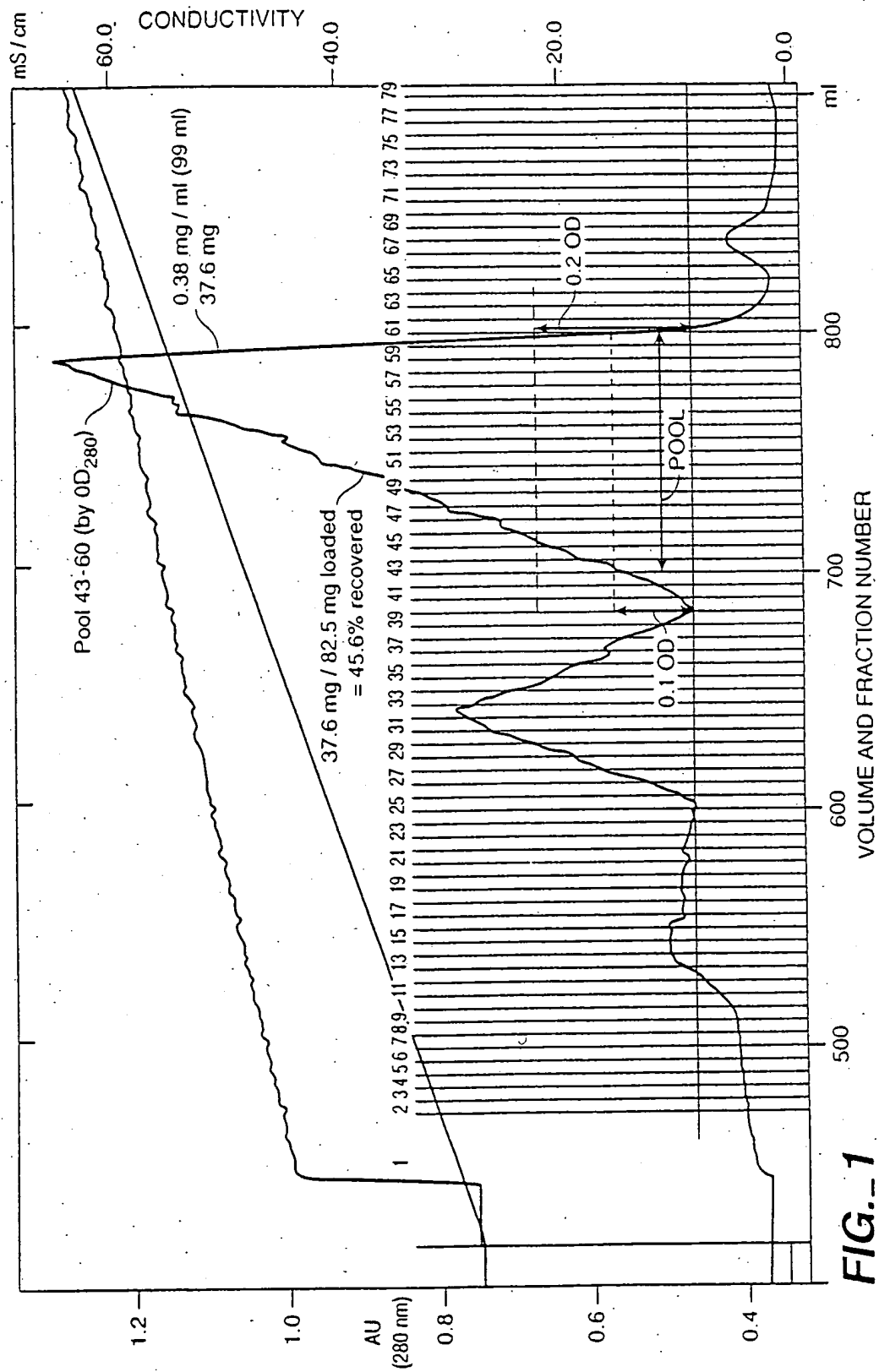


FIG. 1

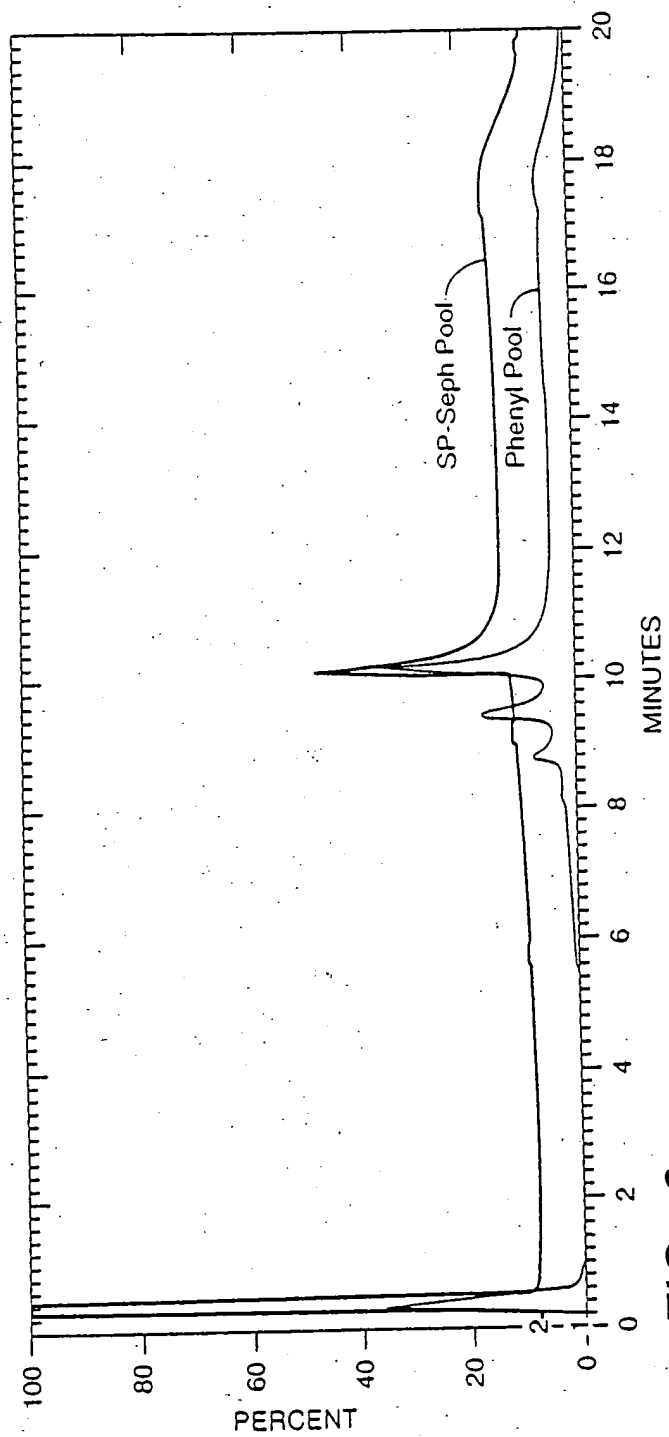


FIG.-2

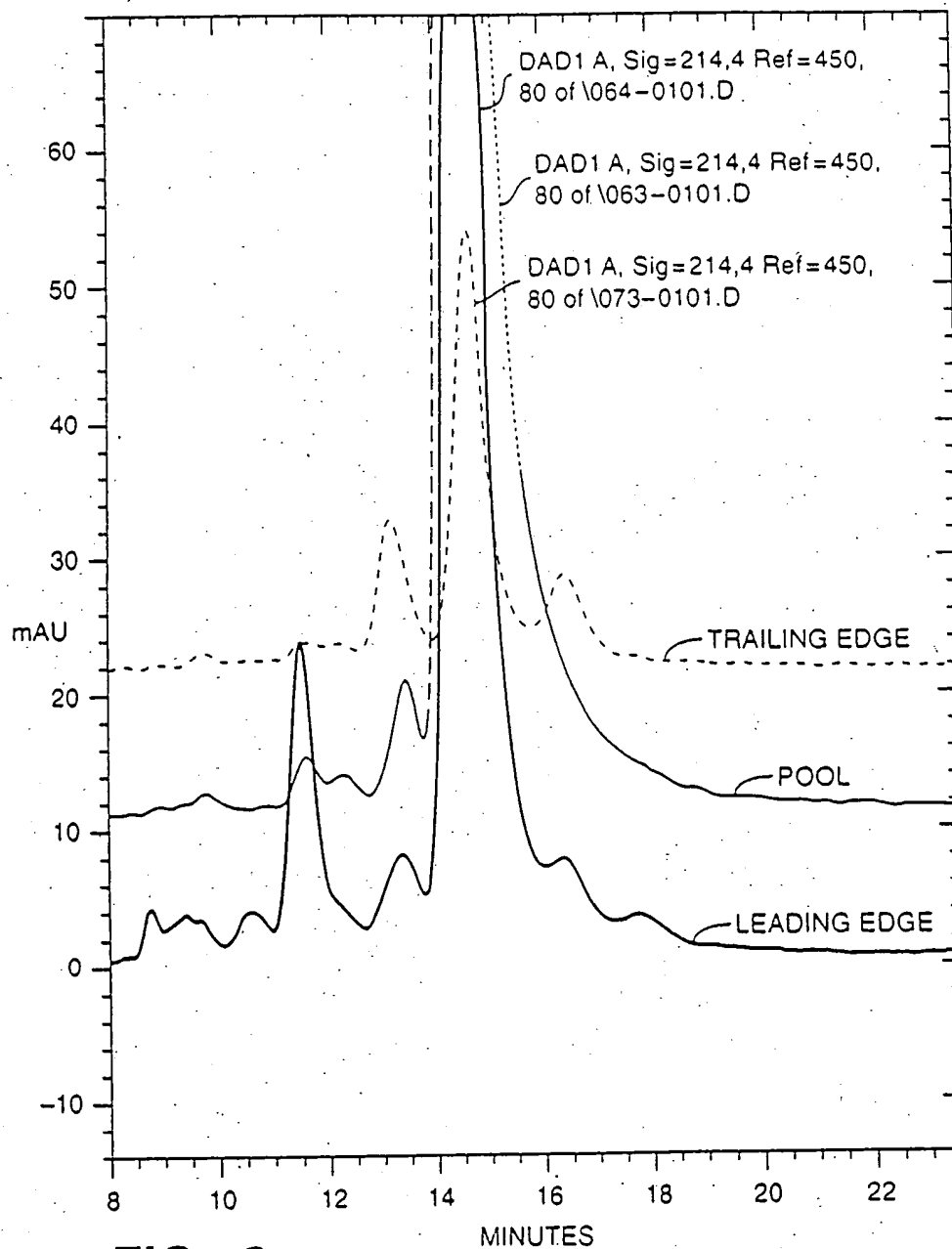


FIG._3

-120

↓

MSMLFYTLITAFLLIGIQAEPHSESNVPAGHTIPQVHWTKLQHS�DTALRRAR

SAPAAAIAARVAGQTRNITVDPRLFKKRRLLRSPRVLFSTQPPREAADTQDLD

1

↓

FEVGGAAPFNRTHRSKRSSHPHFHRGEFSVCDSSVSVWVGDKTTATDIKGKE

VMVLGEVNINNSVFKQYFFETKCRDPNPVDSGCRGIDSKHWNSYCTTTHTFV

120

↓

KALTMGKQAARFIRIDTACVCVLSRKAVRRA

FIG. 4

rhNGF	1	--SSSHPIFHRGEFSVCDSSVSVWV--GDKTTATDIKGKEVMVLGEVN-IN
muNGF	1	--SSTHPVPHMGEFSVCDSSVSVWV--GDKTTATDIKGKEVTVLAENV-IN
BDNF	1	---HSDPA-RRGELSVCDSESEWVTAADKKTAVDMSGGTVTVLEKVP-VS
NT-3	1	---YAEHKSHRGEYSVCDSESLWV--TDKSSAIDIRGHQVTVLGEIK-TG
NT-4/5	1	GVSETAPASRRGELAVCDVAVSGWV--TDRRTAVDLRGREVEVLGEVPAAG

rhNGF	46	NSVFKQYFFETKCRDPNPVD-----SGCRGIDSKHWNSYCTTTHTFVK
muNGF	46	NSVFRQYFFETKCRASNPVE-----SGCRGIDSKHWNSYCTTTHTFVK
BDNF	46	KGQLKQYFYETKCNPMGYTK-----EGCRGIDKRHWNSQCRTTQSYVR
NT-3	45	NSPVKQYFYETRCKEARPVK-----NGCRGIDDKHWNSQCKTSQTYVR
NT-4/5	49	GSPLRQYFFETRCKADNAEEGGPGAGGGGCRGVDRRHVSECKAKQSYVR

rhNGF	89	ALTMD-GKQAARFIRIDTACVCVLSRKAVRRA
muNGF	89	ALTTD-EKQAARFIRIDTACVCVLSRKATRRG
BDNF	89	ALTMDSKKRIGWRFIRIDTSCVCTLTIKRGR--
NT-3	88	ALTSENNKLVGWRWIRIDTSCVSALSRIKGT-
NT-4/5	99	ALTAHAQGRVGRWIRIDTACVCTLLSRTGRA-

FIG. 5

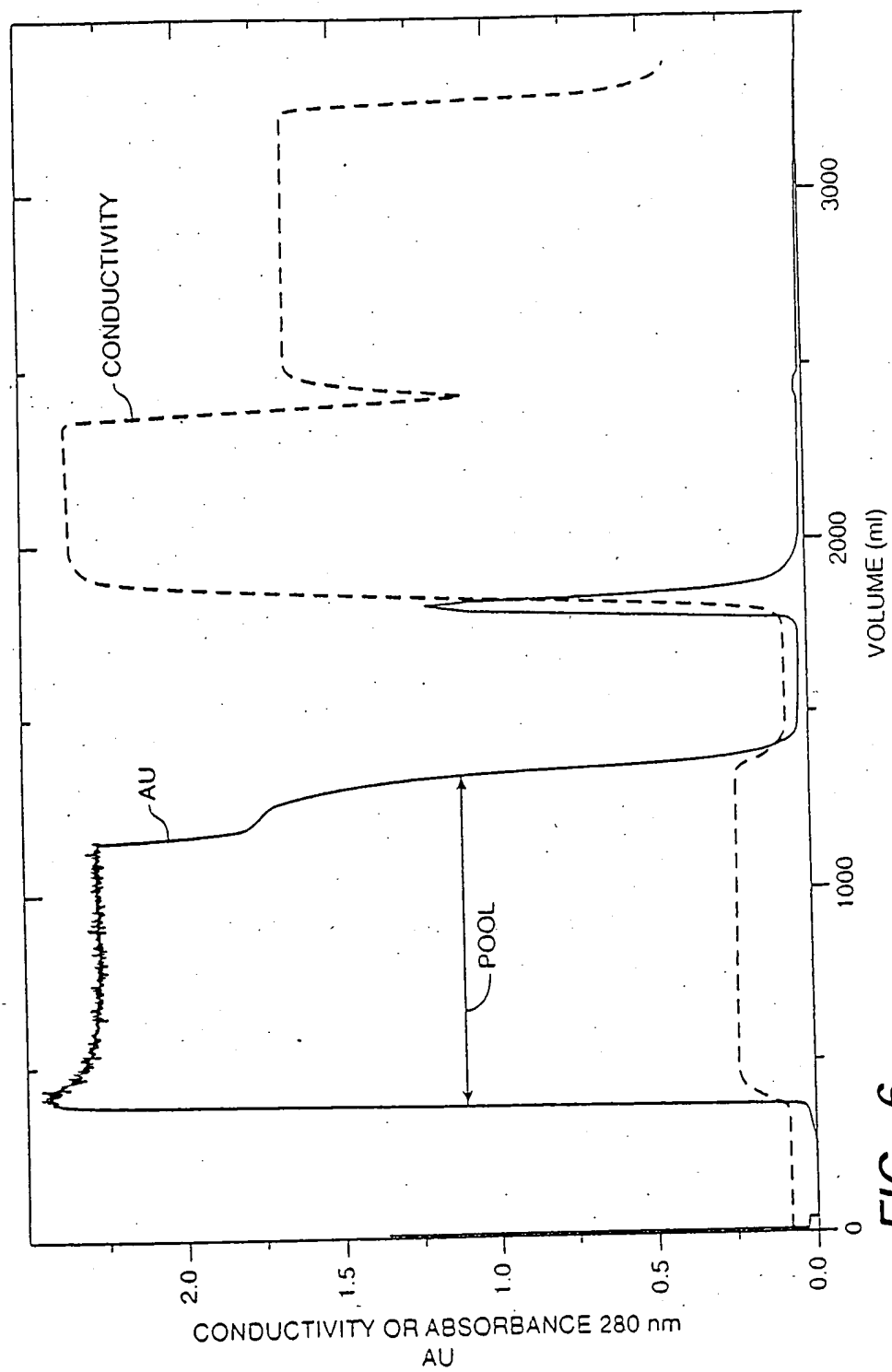


FIG. 6

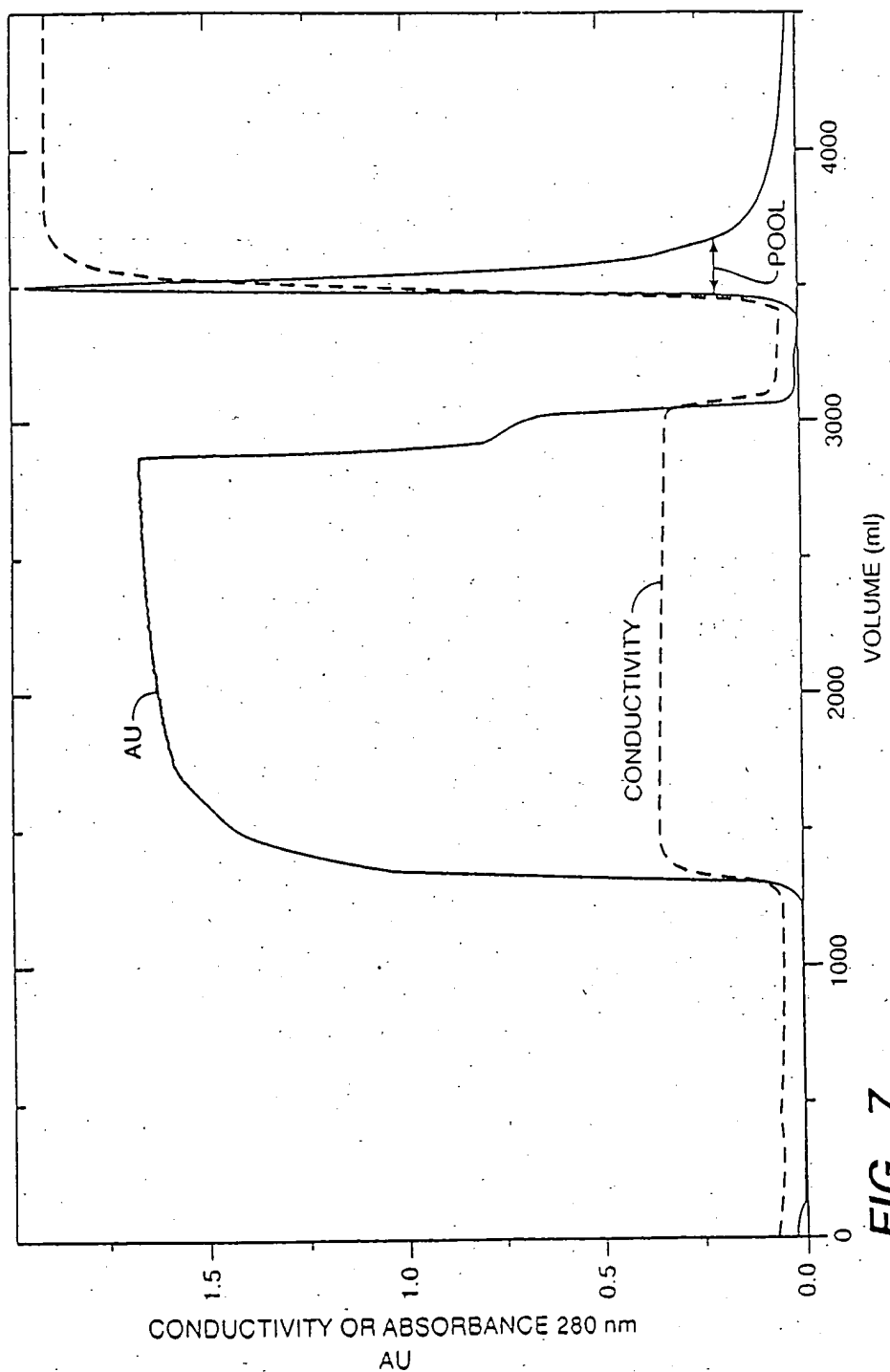


FIG. 7

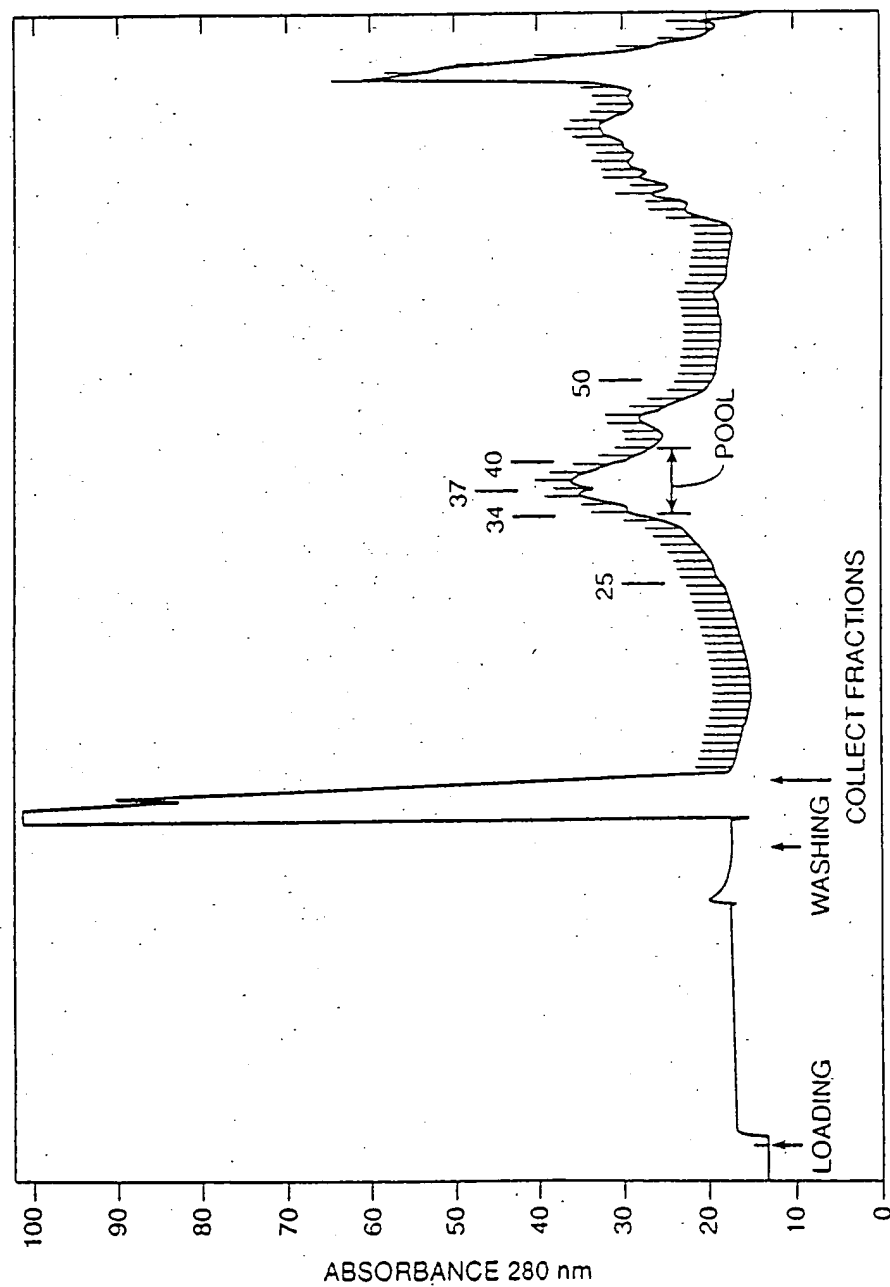


FIG.-8

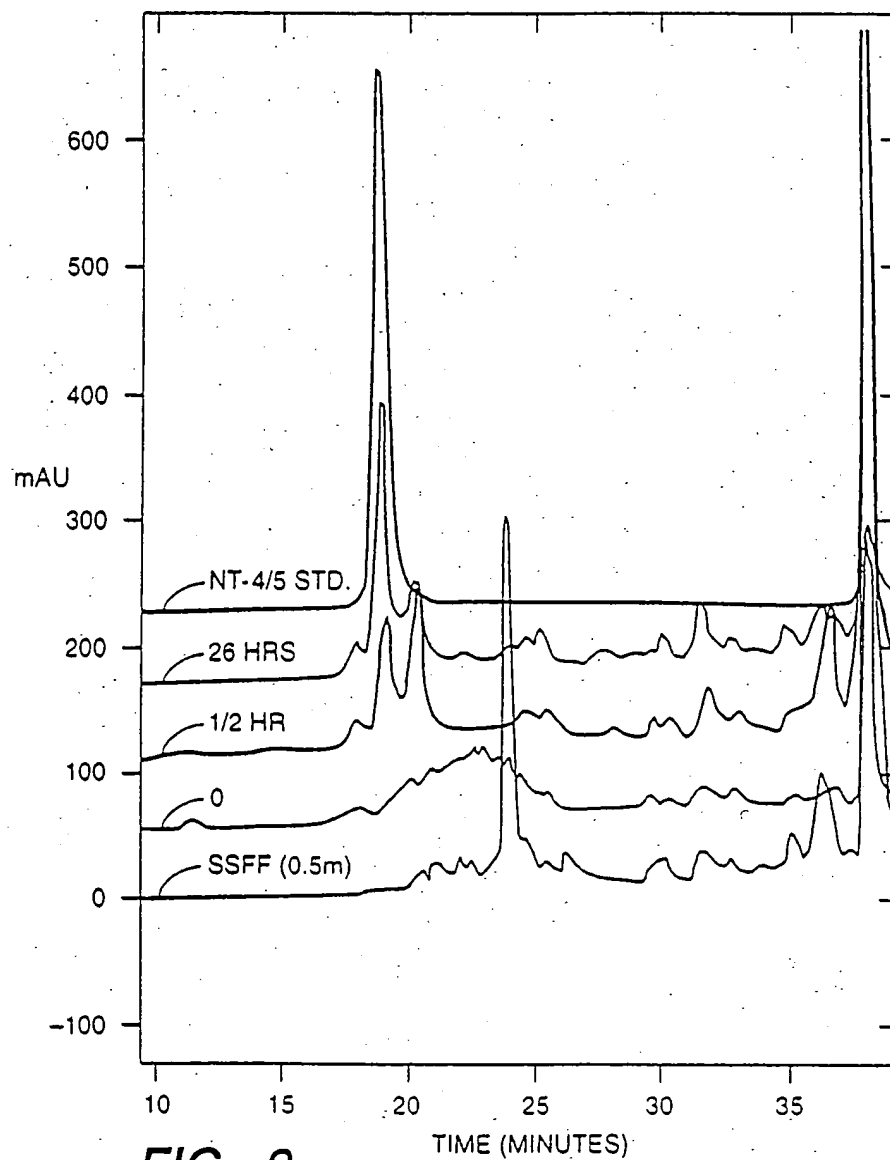


FIG._9

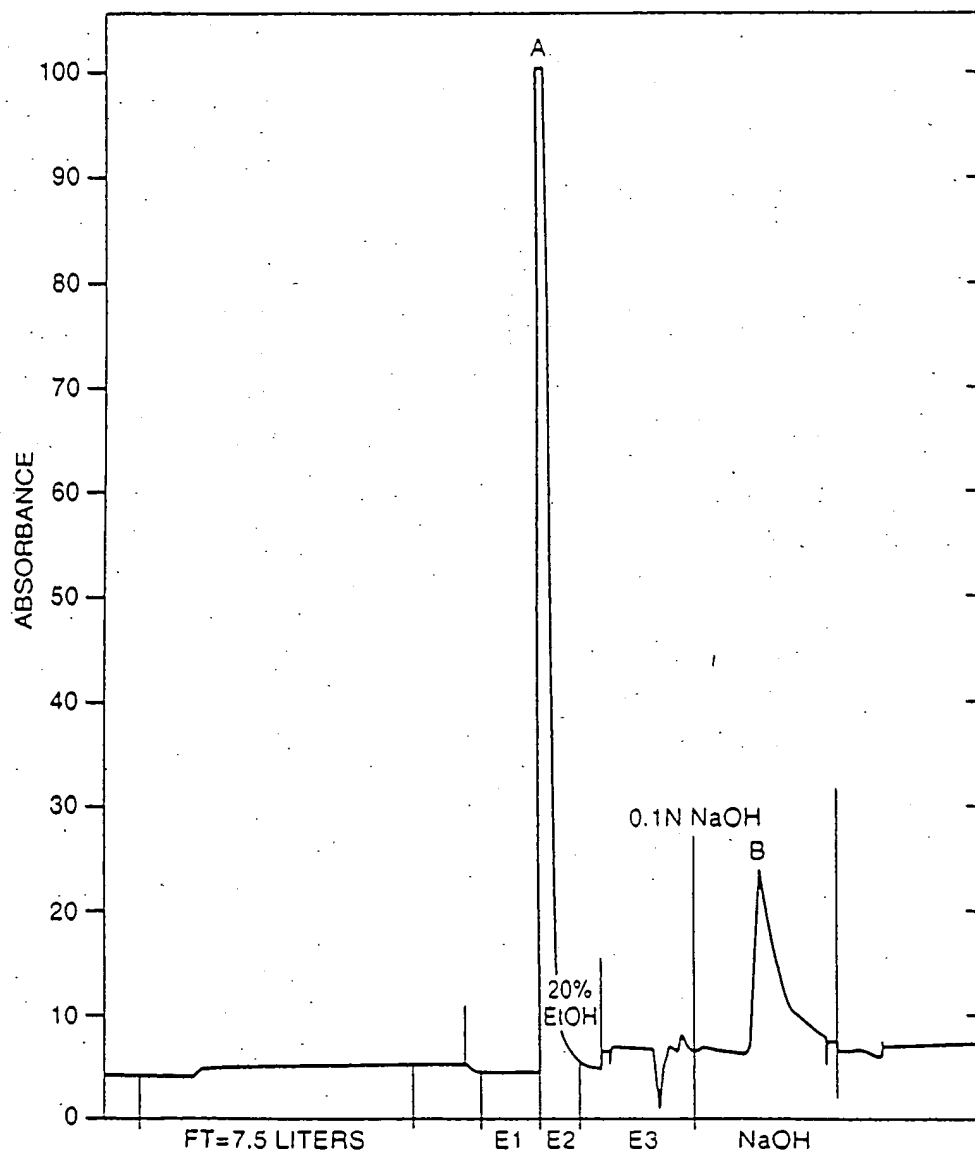
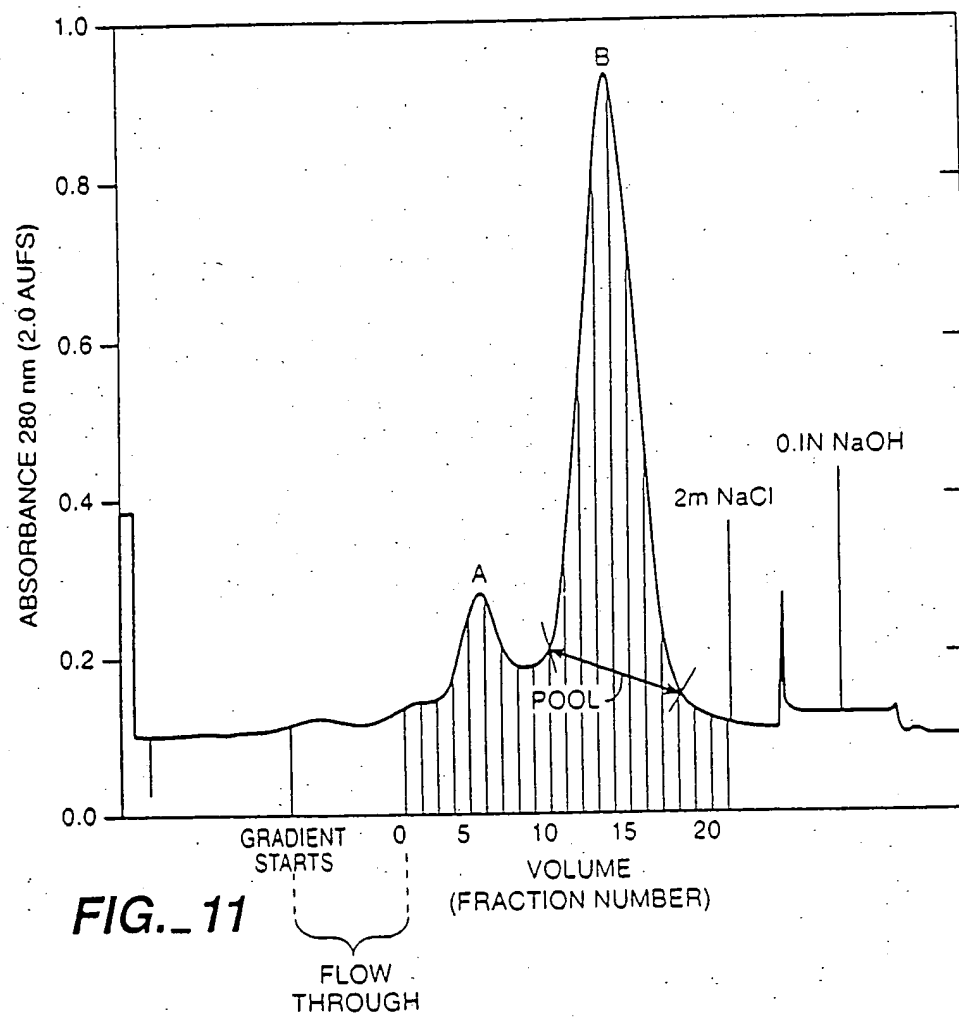


FIG. 10



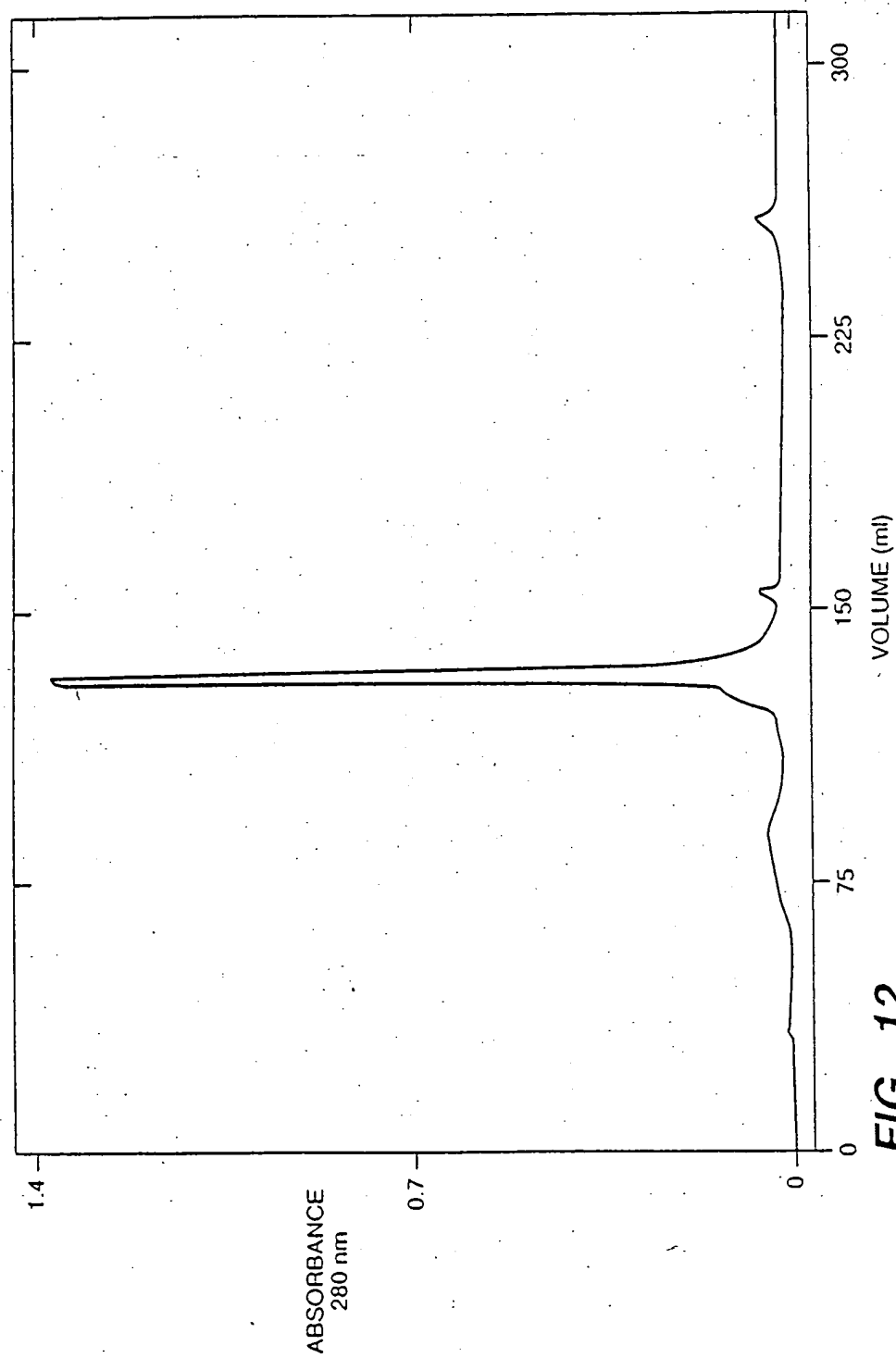


FIG._12

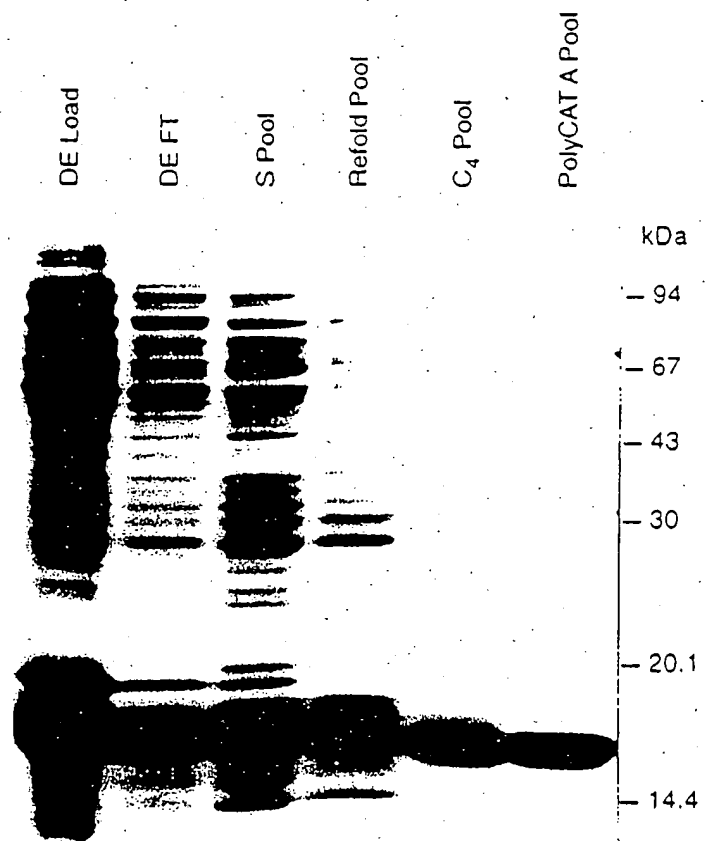
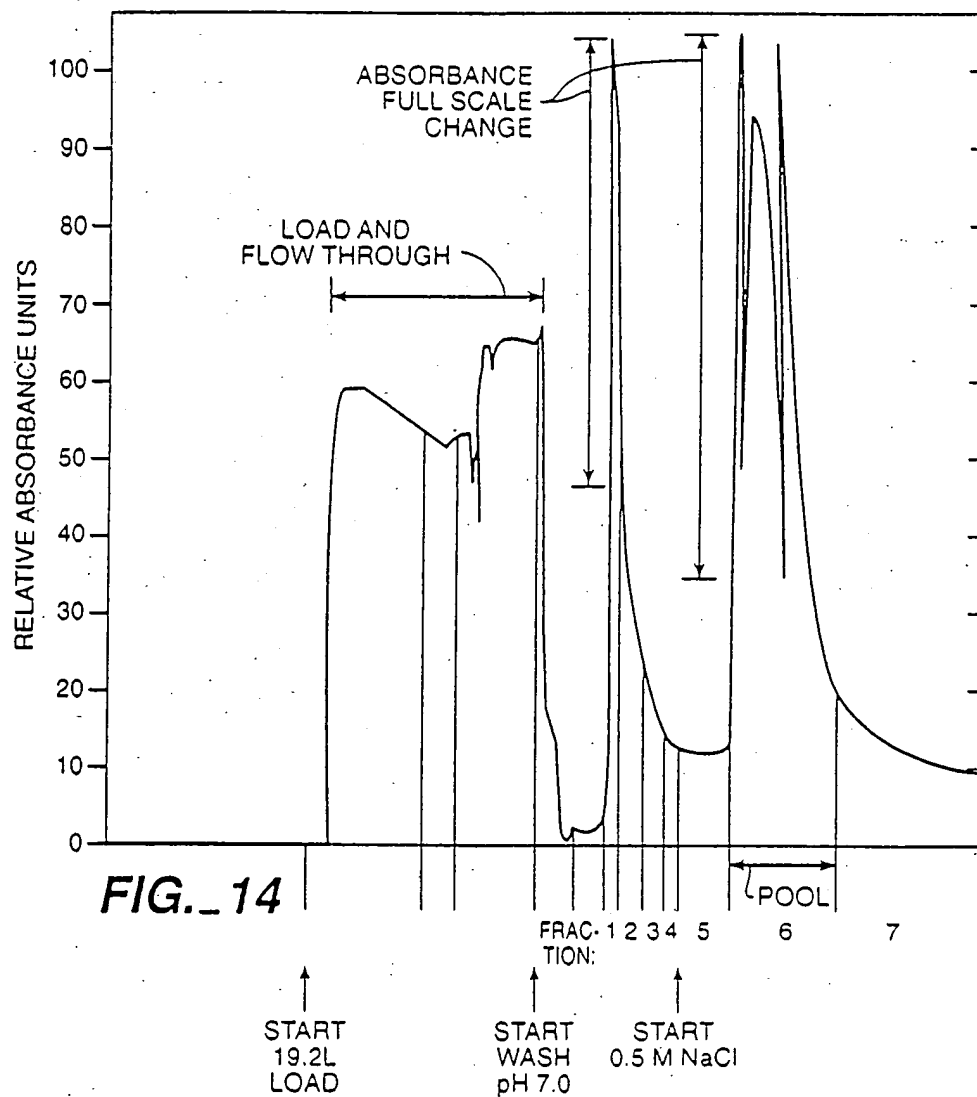


FIG. 13



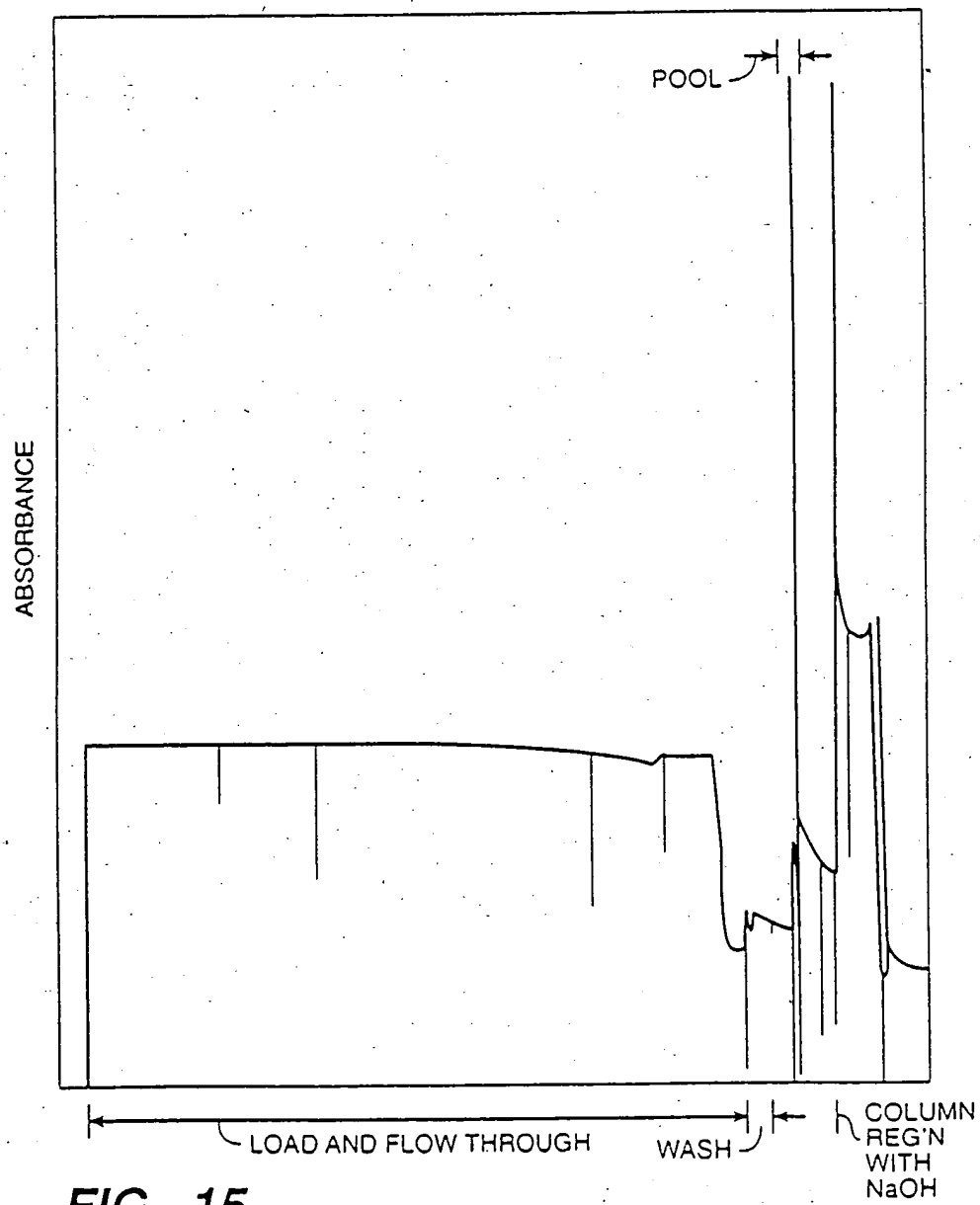


FIG._15

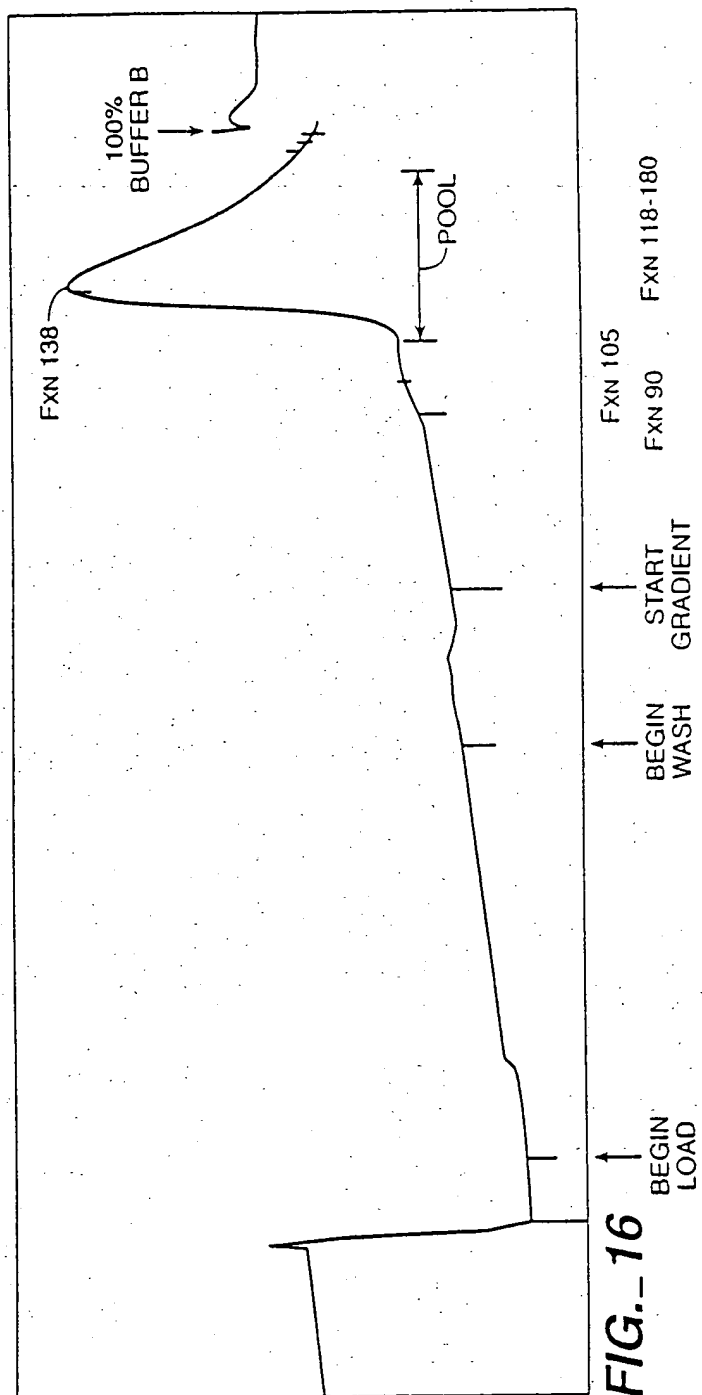


FIG.-16

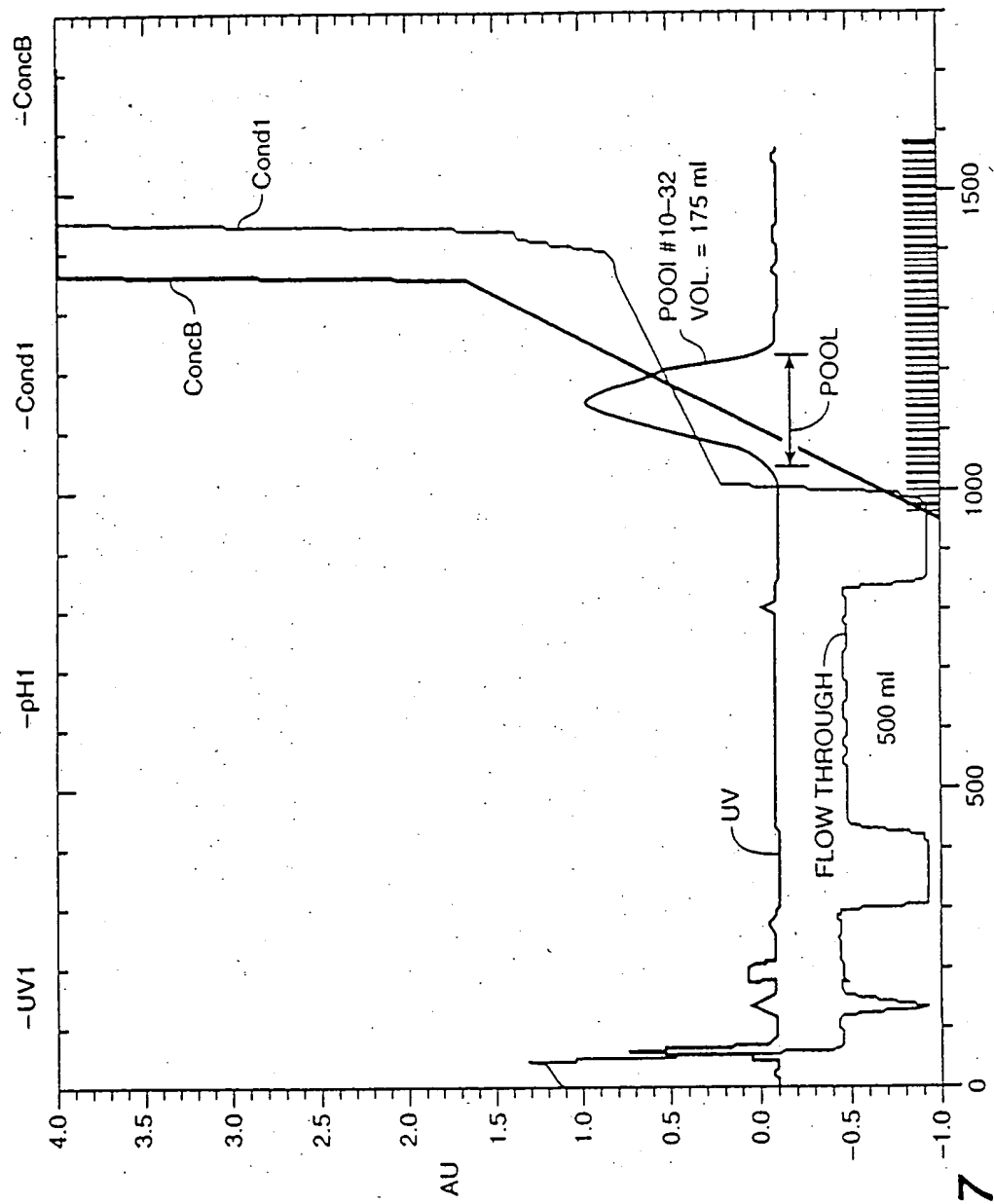


FIG._17